HP EliteDesk 805 G8 Small Form Factor PC

Power for what comes next

Modern office users require smaller form factors that can keep up with serious workloads. The HP EliteDesk 805 Small Form Factor answers the requirement for robust power and expansion in a highly secure small form factor PC.

*Product image may differ from actual product

HP recommends Windows 10 Pro for business

- AMD Ryzen™ PRO 5000 Series processor[2]

Power-packed and ready to go

- Take on complex workloads with an 8-core[3] AMD Ryzen™ PRO 5000 series processor[2] using Zen 3 core technology and memory speed up to 3200MHz[3].

Customize to fit your needs

- The HP EliteDesk 805 SFF has enormous expandability with two bays and two half-height slots. Plus, there are three M.2 slots for optional RAID configurations[3],11 USB ports and plenty of configurable port options.[5]

Protected by HP Wolf Security

- HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from threats.[6]

- This PC uses 5 percent ocean-bound plastics in the speaker enclosure and front bezel I/O strip. It comes in 100 percent recycled molded pulp packaging and is ENERGY STAR® certified and EPEAT® registered in 19 countries.[8,9,10]

- Quickly access and transfer large files to keep up with today's changing business requirements with dual high-performance M.2 storage with optional RAID configurations, and memory with up to 3200MHz speed.[3]

- Tested for 1000 cleanings, high-touched exterior surfaces can be cleaned using commonly available household disinfecting and cleaning wipes.[11]

- Rest easy with a PC that undergoes 120,000 hours of HP's Total Test Process and MIL-STD 810 testing. Help extend protection with an optional removable dust filter.[3,12,13]

- Improve connectivity in crowded wireless environments while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.[14]

- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen6, the self-healing BIOS that automatically recovers itself from attacks or corruption.[15]

HP EliteDesk 805 G8 Small Form Factor PC Specifications Table

*Product image may differ from actual product

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Pro 64 (National Academic only)[1,2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] FreeDOS
Processor family[3]	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 7 PRO processor
Available Processors[3,35]	AMD Ryzen™ 7 PRO 5750G with Radeon™ Graphics (3.8 GHz base clock, up to 4.6 GHz max boost clock, 20 MB L3 cache, 8 cores) AMD Ryzen™ 5 PRO 5650G with Radeon™ Graphics (3.9 GHz base clock, up to 4.4 GHz max boost clock, 19 MB L3 cache, 6 cores) AMD Ryzen™ 3 PRO 5350G with Radeon™ Graphics (4.0 GHz base clock, up to 4.20 GHz max boost clock, 10 MB L3 cache, 4 cores)
Chipset	AMD PRO 565
Form factor	Small form factor
Maximum memory	128 GB DDR4-3200 SDRAM [4] Transfer rates up to 3200 MT/s.
Memory slots	4 DIMM
Internal storage	500 GB up to 2 TB 7200 rpm SATA[5] 2 TB 5400 rpm SATA[5] 500 GB SATA SED Opal 2 HDD[5] 500 GB 7200 rpm SATA FIPS SED[5] 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD[5] 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD[5]
Optical drive[10]	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM
Available Graphics	Integrated: AMD Radeon™ Graphics Discrete: AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 550X Graphics (4 GB GDDR5 dedicated)[9,12]
Audio	Realtek ALC3867 codec, universal audio jack with CTIA and OMTP headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 1 PCIe x16; 2 M.2 2280; 1 PCIe x4 (1 M.2 2230 slot for WLAN and 2 M.2 2280 slots for storage)
Memory card device	1 5-in-1 SD media card reader
Ports and Connectors	Front: 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate (1 fast charging) Rear: 1 audio-out; 1 power connector; 1 RJ-45; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 USB Type-A 480Mbps signaling rate; 2 DisplayPort™ 1.4[36]
Optional Ports	Add-on card: 1 serial and PS/2 ports combination; Add-on port: 1 serial; Flex IO port – choose one of the following options: DisplayPort™ 1.4, HDMI 2.0, VGA, 1 serial[6,9]
Available Keyboards[17,22]	HP USB 320K Wired Keyboard; HP Wireless Keyboard and Mouse Business Slim Combo; HP USB 125 Wired Keyboard; HP USB Business Slim Wired SmartCard CCID Keyboard; HP USB PS/2 Washable Wired Keyboard
Available Pointing Devices[17,22]	HP USB 320M Wired Mouse ; HP USB 125 Wired Mouse; HP USB 128 Laser Wired Mouse; HP USB PS/2 Washable Wired Mouse
Communications[8,9,16]	Realtek RTL8111FPH-CG GbE Intel® I225-T1 PCIe® GbE NIC Realtek RTL8111FPH-CG GbE Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® M.2 combo
Drive Bays	1 slim ODD; One 3.5" HDD convertible to two 2.5" HDD [40]
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Software[15,18,19]	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP Privacy Settings; HP Desktop Support Utilities; HP QuickDrop; HP Easy Clean
Security management[7,24,25,26,27,28,29,30]	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; HP Sure Recover Gen4; HP Sure Run Gen4; HP Sure Start Gen6; HP BIOsphere Gen6; HP Client Security Manager Gen7
Security Software Licenses	HP Wolf Pro Security Edition[56]
Management features	HP BIOS Configuration Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Image Assistant; AMD DASH; HP Manageability Integration Kit[20,21,23,37]
Power	210 W internal power supply, up to 92% efficiency, active PFC
Dimensions	3.84 x 10.63 x 11.93 in; 9.75 x 27 x 30.3 cm
Weight	10.76 lb; 4.89 kg (Exact weight depends on configuration.)
Energy efficiency compliance[32]	ENERGY STAR® certified; EPEAT® registered
Sustainable impact specifications[33,34,38,39,41,42]	40% post-consumer recycled plastic; Recycled plastic cushions; Low Halogen; 80 Plus® Platinum power supplies available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and I/O strip

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Accessories and services (not included)

HP USB 3.1 Gen1 x2 Module Flex IO v2

Maximize the life of your PC as your business needs change with the flexible connectivity of HP USB 3.1 Gen1 x2 Module Flex IO v2.
Product number: 13L58AA

HP 16GB DDR4-3200 DIMM

Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP.
Product number: 13L74AA

HP Business PC Security Lock v3 Kit

Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.
Product number: 3XJ17AA

HP Wired Desktop 320MK Mouse and Keyboard

Work efficiently and enhance your everyday productivity with the reliable HP Wired Desktop 320MK Mouse and Keyboard.
Product number: 9SR36AA

HP PCIe NVME TLC 512GB SSD M.2 Drive

Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP PCIe NVME TLC 512GB SSD M.2 Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.
Product number: X8U75AA

Additional Services (Not included)

HP Care Pack

U18H9E - HP 4 year Active Care Next Business Day Onsite Hardware Support
U18HFE - HP 5 year Active Care Next Business Day Onsite Hardware Support with Defective Media Retention

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Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[2] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[3] Optional feature that must be configured at the time of purchase.

[4] Five monitors only supported on PCs equipped with discrete graphics card and compatible flex I/O ports that must be configured at the time of purchase.

[5] Sold separately or as an optional feature.

[6] HP Wolf Security for Business requires Windows 10, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

[8] PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic.

[9] 100% outer box packaging made form sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.

[10] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[11] Select household wipes can be safely used to clean select HP commercial PCs. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Sanitize Your HP Device Whitepaper (https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW) not applicable to HP Elite c1030 Chromebook.

[12] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[13] MIL STD 810 testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[14] Based on internal testing of products with and without HP Extended Range Wireless LAN.

[15] HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[2] Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see https://aka.ms/ProEducation for Windows 10 Pro Education feature information.

[3] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.

[4] Actual transfer rate will vary and is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.

[5] For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.

[6] Only one option card can be configured at a time.

[7] HP Sure Sense requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[8] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.

[9] Sold separately or as an optional feature.

[10] HD-DVD disks cannot be played on the DVD-ROM drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

[12] AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated): not available in all regions.

[15] HP Easy Clean is not available with PS/2 keyboard/mouse.

[16] Intel® Wi-Fi 6 AX200 and Bluetooth® 5 Combo: not available in all regions.

[17] HP USB Business Slim Antimicrobial Keyboard and Antimicrobial USB Mouse not available in all regions.

[18] Absolute Persistence module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[19] HP Support Assistant: requires Windows and Internet access.

[20] Ivanti Management Suite: subscription required.

[21] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[22] HP USB Hardened Mouse, HP PS/2 Mouse, HP USB and PS/2 Washable Mouse: are not available in all regions.

[23] AMD® PRO manageability – DASH including KVM Redirection Profile with hardware enforcement (BIOS level only).

[24] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[25] HP Client Security Manager Gen7 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.

[26] HP Sure Start for AMD is available on select HP PCs with AMD processors. See product specifications for availability.

[27] HP Sure Recover Gen4: See product specifications for availability. Requires an open, wired network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[28] HP Sure Click requires Windows 10 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[29] HP Drive Lock is not supported on NVMe drives.

[30] Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[32] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[33] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.

[34] Percentage of ocean-bound plastic contained in each component varies by product.

[35] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[36] One Type A SuperSpeed USB 5Gbps with wake from keyboard.

[37] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/document/c05115630.

[38] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

[39] Plastic cushions are made from >90% recycled plastic.

[40] 2.5" HDD requiring adapter supplied from factory only.

[41] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[42] Fiber cushions made from 100% recycled wood fiber and organic materials.

[56] HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.

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